



GENERAL INFORMATION

Shimrin Designer Pearls (PBC & C2C-PBC) are universal basecoats in a simple Factory Pack system that may be cleared for a final finish, or used as a base for Kandys or other Pearls. The "C2C" version is Coast-2-Coast compliant, meeting all Low VOC regulatory limits, in a solvent-based system.



PREPARATION

- Surfaces should be prepared using the proven undercoat system following recommended procedures.
- All surfaces should be finish sanded with 600/P800-grit wet or dry sandpaper or equivalent.



SUBSTRATE

- Properly prepared House of Kolor primers & sealers.
- SS01 Silver Sealer (tinted with Kandy Concentrates)
- S2-BC02
- House of Kolor Basecoats
- Properly cured and prepared OEM finishes



COMPONENTS

PBC FACTORY PACKS (NATIONAL RULE ONLY)	C2C-PBC FACTORY PACKS
For entire PBC product list visit Houseofkolor.com	For entire C2C-PBC product list visit Houseofkolor.com
LV SERIES REDUCER	RU SERIES REDUCER
RU300	RU310
RU301	RU311
	RU312
	RU313



GUN SETUP

Refer to spray gun manufacturer's recommendations



MIXING RATIO

For PBC or C2C-PBC National Rule VOC Compliance - (2 : 1 by volume)

- 2 parts PBC or C2C-PBC Factory Pack
- 1 part RU310-RU313 RU Series Reducers

optional: 90 / 10 of RU310 - 313 with RU315

For C2C-PBC 3.5 lb/gal (420 g/L) VOC Compliance (Low VOC) - (2 : 1 by volume)

- 2 parts C2C-PBC Factory Pack
- 1 part LV Exempt Series Reducers RU300 or RU301



APPLICATION

Apply 2 to 3 medium coats with a 75% pattern overlap. Allow each coat to flash dull (5 to 15 minutes) between coats. Walk long objects, and avoid dry spraying. If you intend to do artwork over the basecoat, we suggest you allow it to flash 15 minutes then apply 2 medium coats of S2-SG100 Intercoat (see tech sheet on S2-SG100) to protect against tape tracking and overspray under the masking tape, etc.



DRY TIME

Allow to flash from 30 minutes up to 4 hours maximum prior to applying House of Kolor's clear. Do not Intermix other manufacturers' products with House of Kolor to avoid potential problems.



CLEANUP

Clean equipment thoroughly with lacquer thinner or urethane reducer (check local regulations).



TECHNICAL DATA

FOR USA (National Rule): PBC Factory Packs

RTS Regulatory Data	2 : 1	
	RU310-313 Series Reducers	
	LBS / GAL	g / L
Actual VOC	6.8 Max	815 Max
Regulatory VOC (less water & Exempt Solvents)	6.8 Max	815 Max
Density	7-9	840 - 1080
	Weight %	Volume %
Total Solid Content	10-15	8-13
Total Volatile Content	85-90	87-92
Water	0	0
Exempt Compound Content	0	0
Coating Category	Two Stage Topcoat / Color Coating	

Note: US/Canadian Regulations allow for the use of exempt compounds for VOC calculations. Calculations include optional Reducer blends.

FOR USA (National Rule & Low VOC) / Canada: C2C-PBC Factory Packs

RTS Regulatory Data	2 : 1			
	RU310-313 Series Reducers		LV Series Reducers RU300-301	
	LBS / GAL	g / L	LBS / GAL	g / L
Actual VOC	3.2 Max	385 Max	0.7 Max	84 Max
Regulatory VOC (less water & Exempt Solvents)	5.8 Max	700 Max	3.5 Max	420 Max
Density	7-9	840 - 1080	8-10	960 - 1200
	Weight %	Volume %	Weight %	Volume %
Total Solid Content	11-16	9-14	11-16	9-14
Total Volatile Content	84-89	86-91	84-89	86-91
Water	0	0	0	0
Exempt Compound Content	40-50	40-50	80-85	80-85
Coating Category	Two Stage Topcoat / Color Coating			

Note: US/Canadian Regulations allow for the use of exempt compounds for VOC calculations.



TECHNICAL DATA (continued)

FOR REST-OF-WORLD: **PBC & C2C-PBC Factory Packs**

RTS Regulatory Data	2 : 1	
	RU310-313 Series Reducers	
	LBS / GAL	g / L
Actual VOC	6.8 Max	815 Max
Density	7-9	840 - 1080
	Weight %	Volume %
Total Solid Content	10-16	8-14
Total Volatile Content	84-90	86-92
Water	0	0
Coating Category	Two Stage Topcoat / Color Coating	

Note: ROW considered areas outside of US/Canada.



TIPS AND TRICKS

- For maximum effect use KD3002 & S2-26 for base color.
- It is critical the vehicle or substrate is ground coated with one even color. Excellent ground coat options are KD3000 DTS Foundation Surfacer Sealers (KD3000 or KD3001 recommended for maximum reflectivity), SS01 Silver Sealer, S2-BC02, and all House of Kolor Bases.
- The color of the ground coat will affect the appearance of the PBC & C2C-PBC versions dramatically. The darker basecoats improve sprayability and depth.